

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002100**Date Inspected:** 01-Apr-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wang Lu**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** SP-005-01**Summary of Items Observed:**

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

During the first part of the AM shift a list of seven Side Panels to be Magnetic Particle tested (MT) in the OBG Assembly Shop was received from Task Leader, Robert Cuellar. Of these seven Side Panels only one was MT tested. Two of the five had been previously been MT tested and four were turned upside down and were not accessible. A dry powder MT test was performed on a minium of 10% of the total length of each of the 10 welds associated with Side Panel SP-005-01, Plate 66, welds 001 thru 010 with no relevant indications being observed. During the afternoon of the AM shift this Caltrans QA Inspector did photograph one lot of Macro Etched Samples DP-056-001. The photographs for these Macro Etched Samples were placed in a folder in the "Shared Docs on Team China Server" under Team OBG. The folder within this Team OBG is named "Macro Etched Samples" where the rest of the folders are kept according to the date they were photographed. Each of the Macro Etched Samples was photographed once in an over all view and if an indication existed then a close up photograph was taken to show this indication.

Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials

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for your project.

Inspected By: Smith,David

Quality Assurance Inspector

Reviewed By: Hager,Craig

QA Reviewer